

*Association of Levee Boards of Louisiana*

# USACE NEW ORLEANS DISTRICT UPDATE

Col. Michael Clancy, Commander, New Orleans District

6 December 2018

New Orleans, LA

*“The views, opinions and findings contained in this report are those of the authors(s) and should not be construed as an official Department of the Army position, policy or decision, unless so designated by other official documentation.”*

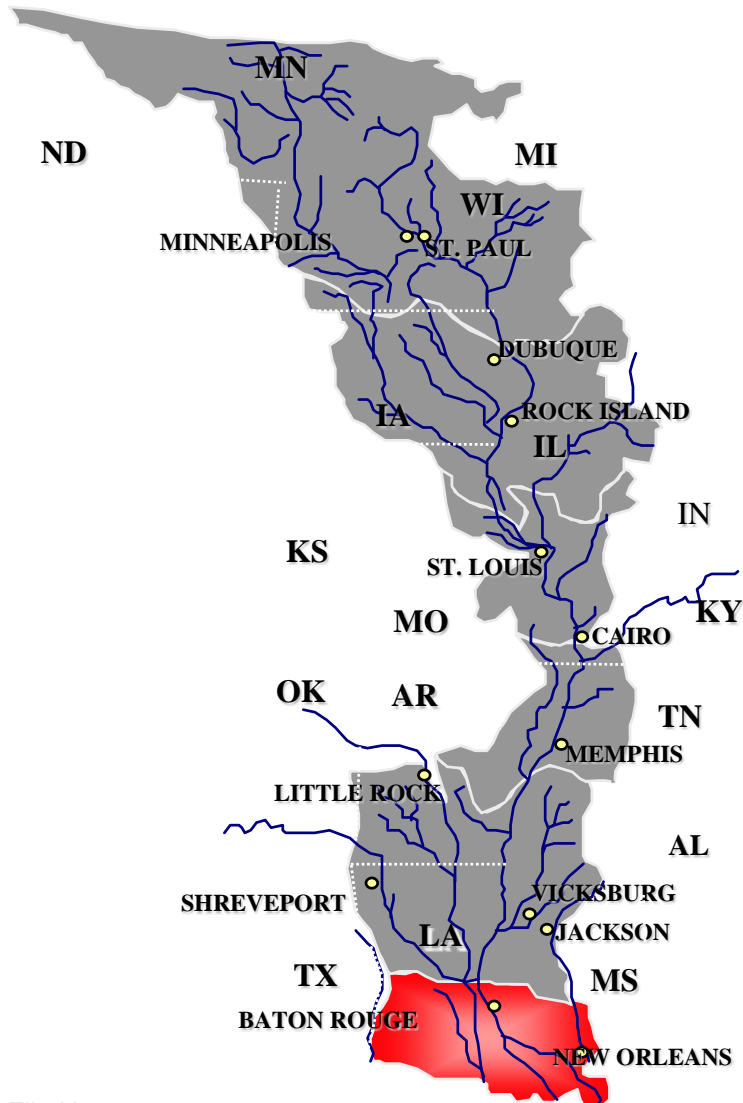


**US Army Corps  
of Engineers.**



# USACE, NEW ORLEANS DISTRICT

## FY19 STATE OF THE DISTRICT



### 2018 Fiscal Year

- **\$378M** in Pres. Budget/Work Plan
- **\$733M** obligated (**\$357M** in supplemental funds)
- **60** contracts awarded

### Current Funding

- **\$233 M** in FY19 Pres. Budget
- **\$1.78B** in supplemental funding for long and short-term projects
- **\$181.56 M** received via the FY19 Work Plan
- **\$1.1B** in HSDRRS supplemental

### District Resources

- 1014 employees throughout S. La.
- Opening a Baton Rouge sub-office

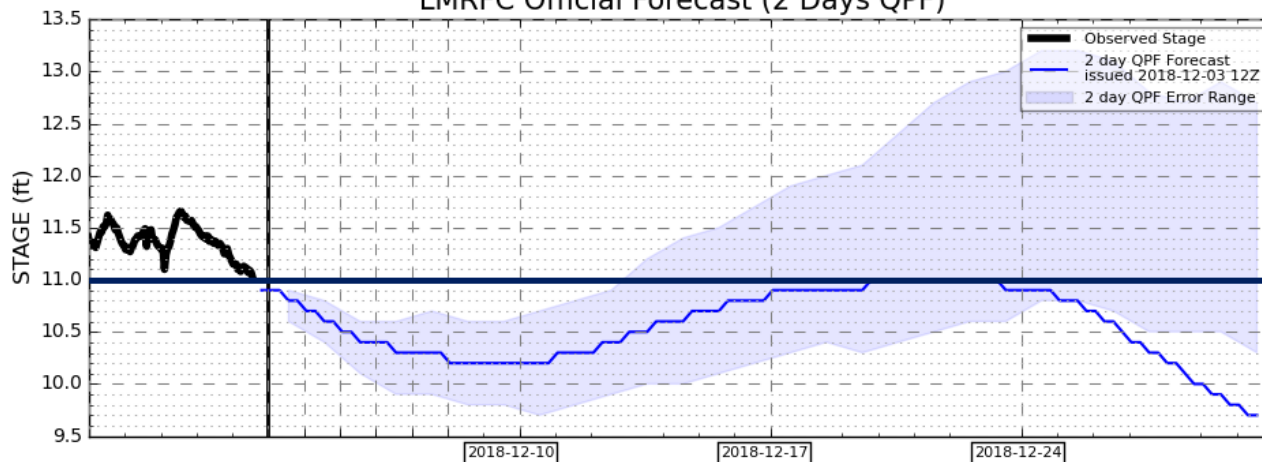


# USACE EMERGENCY OPERATIONS

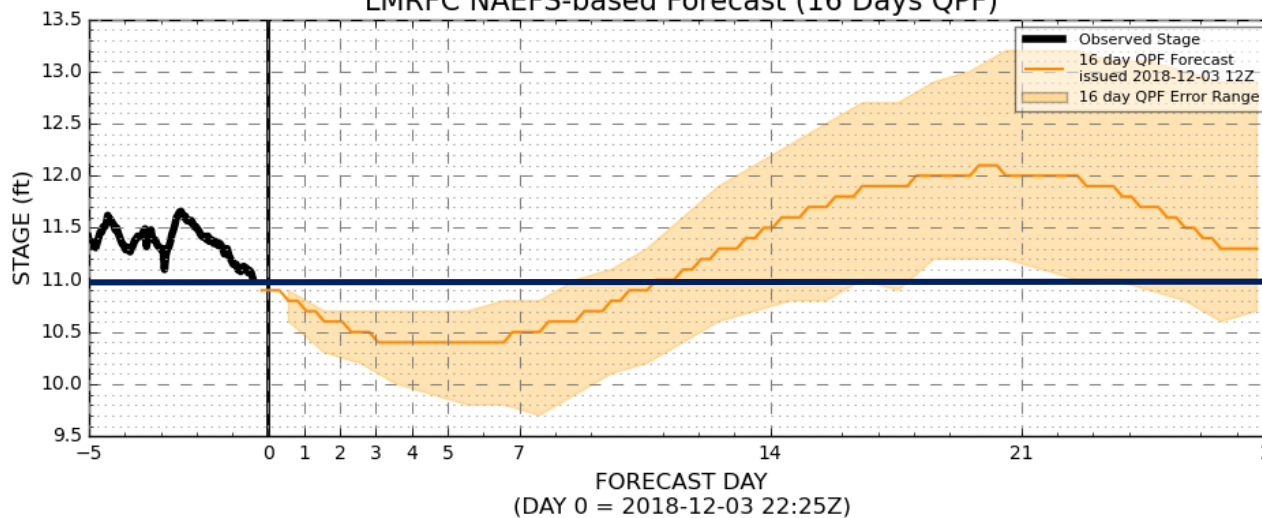
## 2018-2019 MISSISSIPPI RIVER HIGH WATER

### NORL1 Forecast and Experimental Uncertainty

LMRFC Official Forecast (2 Days QPF)



LMRFC NAEFS-based Forecast (16 Days QPF)



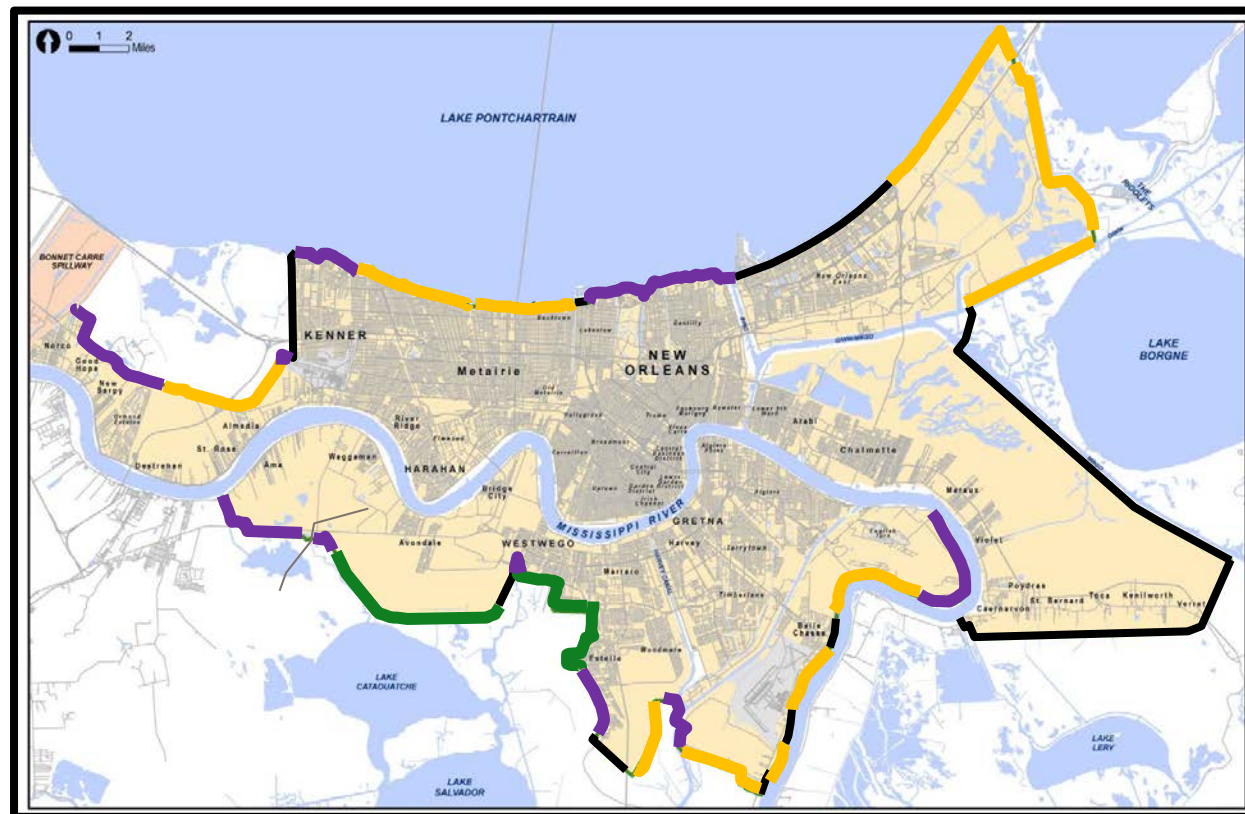
**Corps of Engineers** @TeamNewOrleans · Nov 2  
The Mississippi River at the Carrollton gauge in New Orleans has risen above 11 feet, prompting the New Orleans District to activate Phase I flood fight procedures. River is expected to remain between 11 and 11.5 feet for 3 weeks.

**Corps activates inspections along Mississippi River**  
The Mississippi River at the Carrollton gauge in New Orleans has risen above 11 feet, prompting the U.S. Army Corps of Engineers, New Orleans District to act...  
mvrn.usace.army.mil



The shaded areas show probable future river stage based on the present forecast and past forecast skill. The shaded areas capture 2/3 of past forecast errors, centered on the median error.

# GREATER NEW ORLEANS HURRICANE AND STORM DAMAGE RISK REDUCTION ARMORING AND LEVEE LIFTS



- Completed
- Under Construction
- Award pending levee lift completion
- Floodwall / Structure

## 76.6 miles total system Armoring

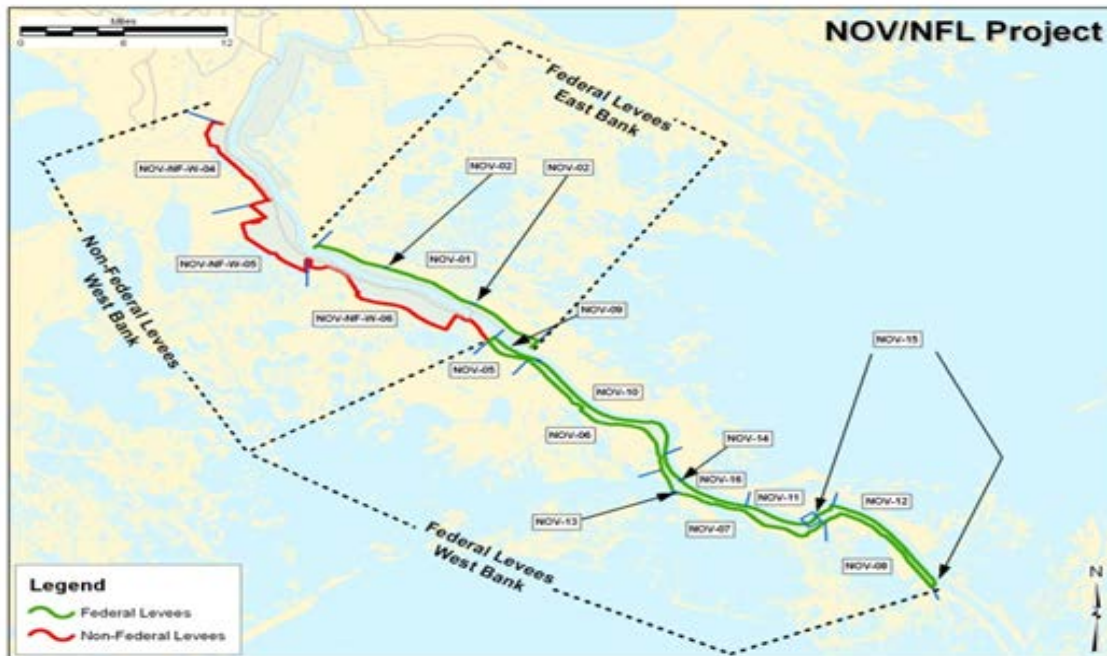
- 22.05 miles NCC'd
- 42.10 miles under construction
- 12.45 miles to be awarded

## 26 total system Armoring Contracts

- 10 contracts NCC'd
- 12 contracts under construction
- 4 contracts to be awarded pending levee lift completion

# GREATER NEW ORLEANS HURRICANE AND STORM DAMAGE RISK REDUCTION

## NEW ORLEANS TO VENICE/NON-FEDERAL LEVEE



- Risk Assessment conducted to develop an optimized design for available funding.
- FY18 funding used to continue construction of 9 awarded contracts and design for remaining reaches

### NFL (\$671M)

- **37** miles of levees and floodwalls (west bank back levees and MRL)
- **4** pump station fronting protection
- **4** backflow prevention
- **2** floodgates

### NOV (\$762M)

- **34** miles of back levees, pump stations and floodwalls
- **2** new pump stations
- **2** pump station fronting protection

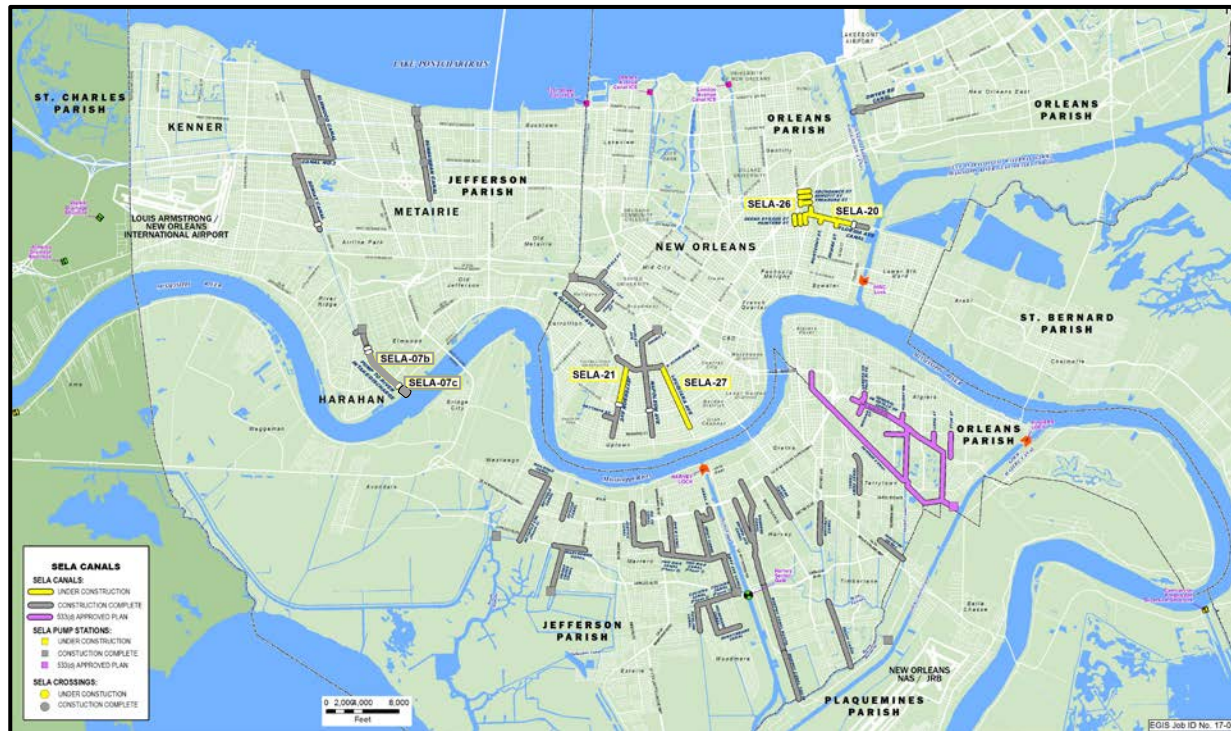


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# GREATER NEW ORLEANS HURRICANE AND STORM DAMAGE RISK REDUCTION

## SOUTHEAST LOUISIANA URBAN FLOOD CONTROL



### Jefferson Parish

- **\$943 M**
- All projects complete

### Orleans Parish

- **\$1.65 B**
- Claiborne and Napoleon corridors complete
- Jefferson and Louisiana corridors complete early 2019
- Florida Avenue complete in 2021

- **Designed to reduce the risk of flooding during a 10-year rain event**
- **Received \$16M in FY19 Work Plan to initiate construction of the Algiers Canal project on the Orleans Parish West Bank**

# HURRICANE AND STORM DAMAGE RISK REDUCTION

## MORGANZA TO THE GULF



**Authorized in WRDA '07 but no federal funding has been appropriated toward project**

### Project Features

- **98** mile alignment consisting of earthen levees
- **22** floodgates on navigable waterways
- **23** environmental water control structures
- **9** road gates and fronting protection
- **4** existing pump stations.





# MISSISSIPPI RIVER AND TRIBUTARIES

## CURRENT AND UPCOMING CONSTRUCTION



Floodgate at Audubon



Jefferson Heights



Floodwall at Dumaine Street: Under construction (left) and completed (above)

**Contract Awards**

9

**Projects Complete**

4



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# MISSISSIPPI RIVER AND TRIBUTARIES

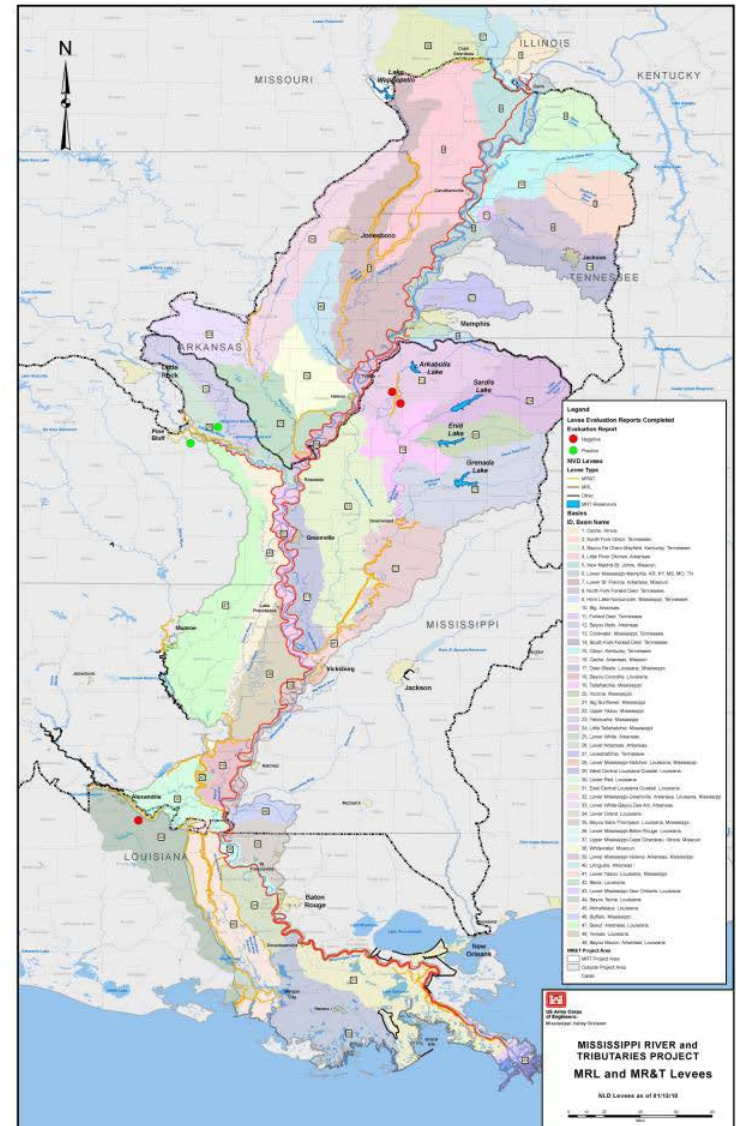
## SUPPLEMENTAL ENVIRONMENTAL IMPACT STATEMENT

**Summer 2018:** Notice of Intent published and agency kick-off meeting

**Fall 2018:** Public Scoping Meetings and Comment Period

**Jan. 2020:** Draft SEIS Released for public/agency review

**July 2020:** Final SEIS Published and Record of Decision Signed



# Old River Control Complex

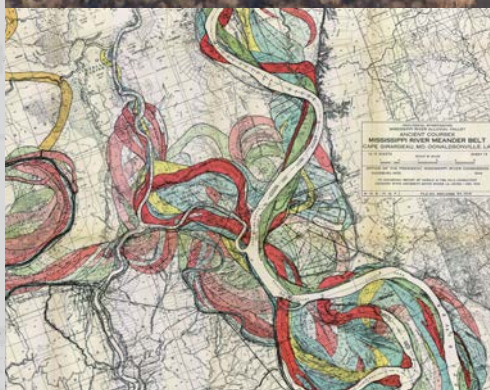
## Flood Risk and Navigation Management

### Maintain 70/30 distribution

- Requires careful operation and maintenance program
- Critical project in the MR&T system.

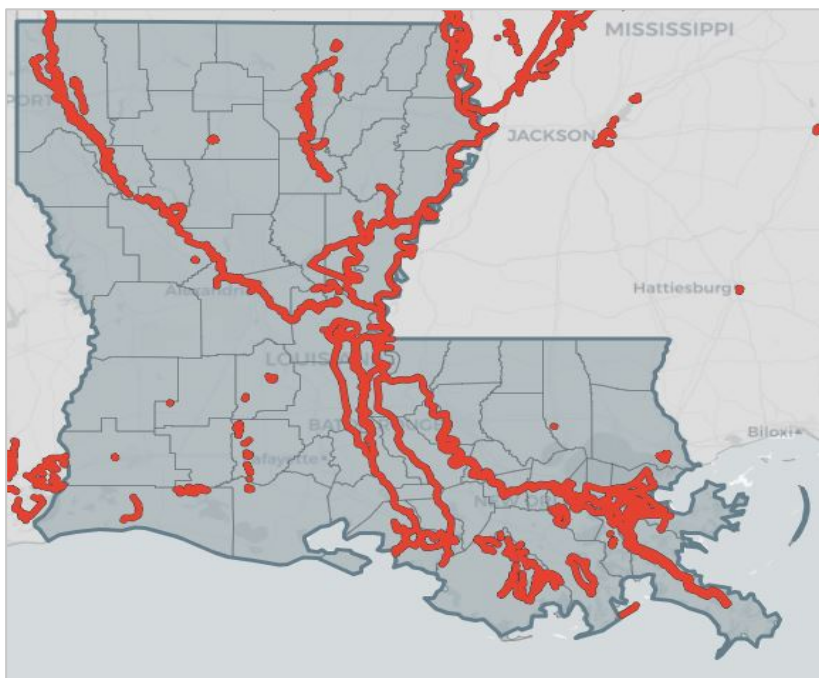
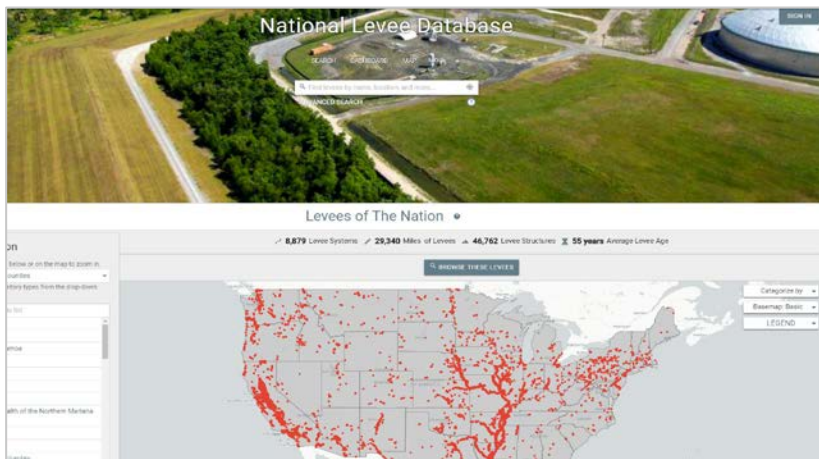
### FY18 Funding: \$60.15M

- Funding to address backlog maintenance
- Nine projects to be completed by Sept 2019



# USACE LEVEE SAFETY PROGRAM

## LSAC AND INSPECTIONS



- New National Levee Database went live in **June 2018**
- **LSAC and Risk Characterization**
- **Hazard, Performance, and Consequences** determine **Risk**
- New Orleans East and West Banks and Mississippi River East Bank: All High Risk based on *Consequences*
- **22** of **25** Levee systems in New Orleans District on NLD
- Have the opportunity to conduct a one-time assessment of non-federal levee systems



# WATER RESOURCE AND DEVELOPMENT ACT 2018

## NEW ORLEANS DISTRICT AUTHORIZATIONS



2018

# WRDA

WATER RESOURCES DEVELOPMENT ACT

WRDA IS BIPARTISAN BIENNIAL TARGETED TRANSPARENT NO EARMARKS FISCALLY RESPONSIBLE

The Water Resources Development Act of 2018 represents Congress' continued investment in vital American infrastructure. Our ports, inland waterways, locks, dams, flood protection, and other water infrastructure are essential to generating economic growth, meeting needs throughout the country and beyond our borders, and protecting our communities.

PACKET BILL TEXT SUPPORT

### #WRDAWORKS

WRDA Follows an Approval Process Established by Congress

In 2014, Congress passed the Water Resources Reform and Development Act (WRDA) and established a new, transparent, locally driven process for Congressional review and approval of Army Corps water resources development activities. WRDA 2018 follows this established process, and also continues the two-year cycle of addressing infrastructure that is vital to America's economy and job growth.

START → PROPOSE → EVALUATE → REPORT → VET → WRDA

• Plan is prepared at the local level  
• Local cost-share agreement and environmental permits  
• Stakeholder agreement to meet needs in the Basin  
• Corps releases to Congress Draft Report and revised Report of Interest  
• Corps completes construction of waterways projects awarded in Corps notice  
• Corps' 50-year review are used to determine prior to review in WRDA  
• Transportation fully authorized

• Corps implements project  
• Corps reports to local officials  
• Report to local officials and members of Congress  
• Report to House of Representatives and members of Congress

Since 2013, the Transportation and Infrastructure Committee has committed to a two-year WRDA cycle. This Return to Regular Order on WRDA has Reestablished Certainty in the Authorization Process, Allowed Critical Infrastructure Improvements to Move Forward, and Provided Congress Opportunity for Considering Much Needed Authorizations.

WRDA 2014 FULLY AUTHORIZED WRDA 2016 FULLY AUTHORIZED CHINA AND INDIA SUPPORT

### ***Awaiting implementation guidance***

- **Sec. 1201:** Authorization of Proposed Feasibility Studies including St. Tammany Parish Flood Risk Management
- **Sec. 1202:** Lower Mississippi River Resource Assessment
- **Sec. 1203:** Expedited completion of feasibility studies and proceed to PED if justified
- **Sec. 1224:** Report on the Old River Control Complex structure and operations plan

# THANK YOU



# BIPARTISAN BUDGET ACT OF 2018

## CONSTRUCTION SUPPLEMENTAL FUNDING

Received full funding for construction of 5 risk reduction projects



Comite Diversion **\$340M**



East Baton Rouge Flood Control **\$255M**



West Shore Lake Pontchartrain **\$760M**



Carrollton Floodwall **\$15-30M**

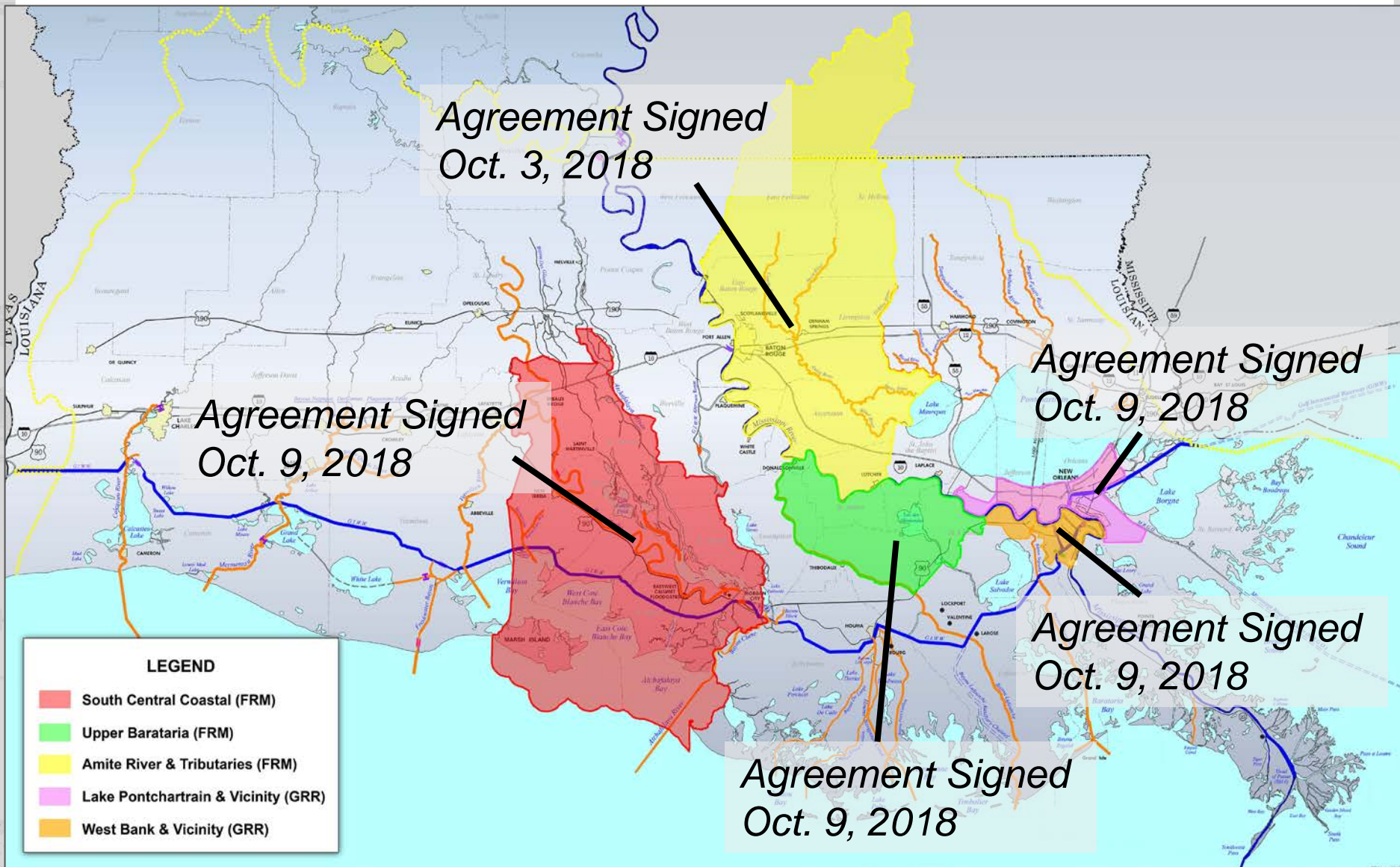
Grand Isle **\$15M**



- **\$1.388B** in long-term flood damage risk reduction
- **\$58.2M** for Mississippi River and Tributaries levee work

# BIPARTISAN BUDGET ACT OF 2018

## INVESTIGATION SUPPLEMENTAL FUNDING





# USACE REGULATORY

## SEDIMENT DIVERSION PERMIT APPLICATIONS

### Mid-Barataria Sediment Diversion Permit Evaluation

- Proposed diversion of up to **75,000** cfs on Lower Mississippi River
- Requires comprehensive Environmental Impact Statement
- Coordinated Project Plan updated in **March 2018**
  - Permit decision date revised from **October 2022** to **November 2020**
- Up-to-date information on the project's permit application process can be found under "Hot Info" at [www.mvn.usace.army.mil](http://www.mvn.usace.army.mil)

